

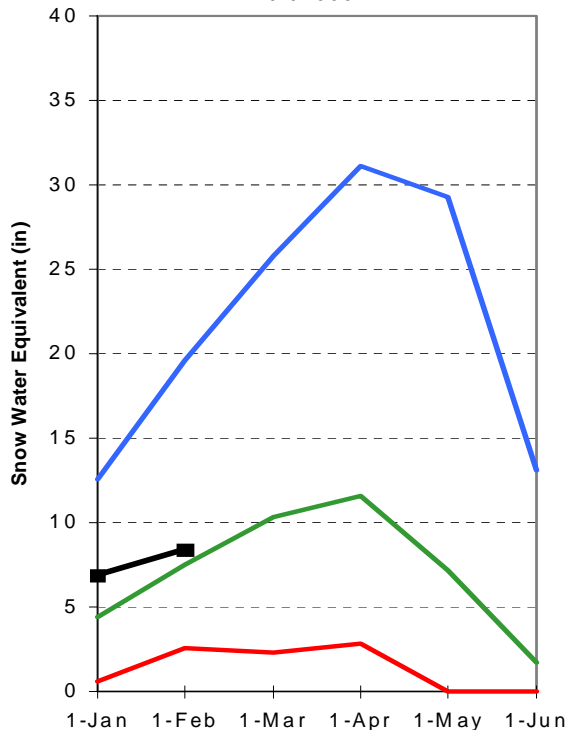
# E. Garfield, Kane, Washington, & Iron Co.

February 1, 2009

Snowpacks in this region are above normal at 111% of average, which is 77% of last year. Individual sites range from 67% at Little Grassy Snotel, to 160% of average at Harris Flat Snotel. Precipitation during the month of January was below average at 77%, bringing the seasonal accumulation (Oct-Jan) to 122% of average. The average soil moisture estimate in runoff producing areas is at 39% of saturation within the upper 2 feet of soil, compared to 37% last year. Forecast streamflows (Apr-July) range from 98% to 114% of average. Reservoir storage is at 57% of capacity, 5% less than last year; however, Gunlock reservoir, accounting for 8% of the regions storage, is drained for maintenance. The Surface Water Supply Index is at 71%, indicating above average water supply conditions.

## Southwest Utah Snowpack

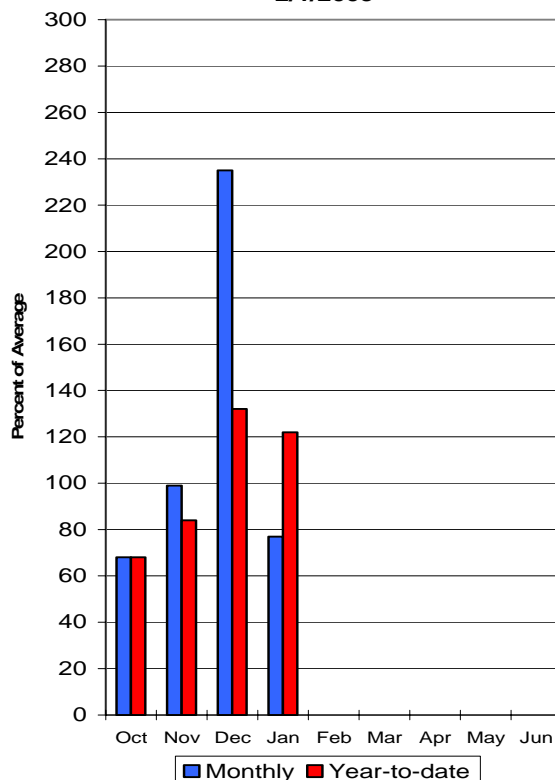
2/1/2009



■ Current
 — Average
 — Maximum
 — Minimum

## Southwest Utah Precipitation

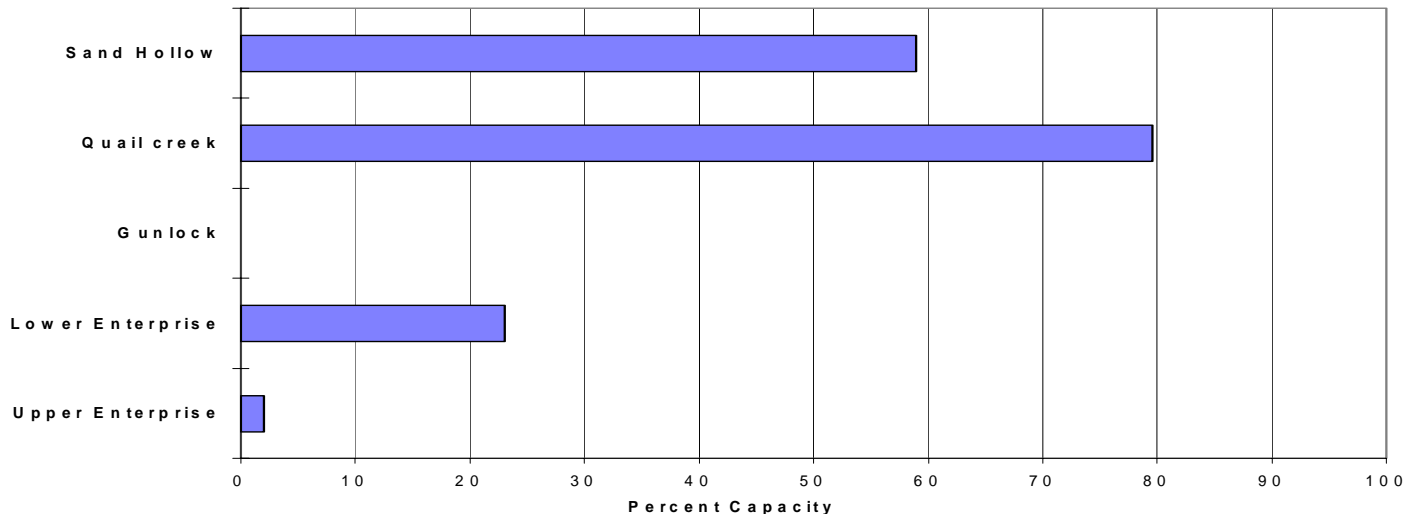
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■ Monthly
 ■ Year-to-date

## Reservoir Storage

2/1/2009



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E. GARFIELD, KANE, WASHINGTON, & IRON Co.  
Streamflow Forecasts - February 1, 2009

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		<<===== Drier ===== Future Conditions ===== Wetter =====>>						
Forecast Point	Forecast Period	Chance Of Exceeding *						30-Yr Avg. (1000AF)
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
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Lake Powell Inflow (2)	APR-JUL	4610	6630	8000	101	9370	11400	7930
Virgin River at Virgin	APR-JUL	40	53	64	100	76	94	64
Virgin River nr Hurricane	APR-JUL	38	55	69	100	84	110	69
Santa Clara River nr Pine Valley	APR-JUL	2.70	4.20	5.40	98	6.80	9.00	5.50
Coal Ck nr Cedar City, UT	APR-JUL	11.5	17.8	22	114	26	32	19.3

E. GARFIELD, KANE, WASHINGTON, & IRON Co. Reservoir Storage (1000 AF) - End of January					E. GARFIELD, KANE, WASHINGTON, & IRON Co. Watershed Snowpack Analysis - February 1, 2009			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
GUNLOCK	10.4	0.0	7.3	5.7	VIRGIN RIVER	5	77	124
LAKE POWELL	24322.0	13184.0	10889.0	---	PAROWAN	2	75	111
QUAIL CREEK	40.0	31.8	30.0	26.5	ENTERPRISE TO NEW HARMONY	2	72	96
UPPER ENTERPRISE	10.0	0.2	0.0	---	COAL CREEK	2	79	113
LOWER ENTERPRISE	2.6	0.6	1.8	38.0	ESCALANTE RIVER	2	95	75
					E. GARFIELD, KANE, WASHIN	9	79	111
					*****	78	81	95

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\* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.  
 (2) - The value is natural volume - actual volume may be affected by upstream water management.